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**PLANT 1 ORE SILOS STATEMENT OF WORK
FOR SOUTHWEST SILO TILE REPAIR
OPERABLE UNIT 3 REMOVAL ACTION 13
SEPTEMBER 1993 REVISION 0**

09/30/93

**FERMCO/DOE-FN
5
REPORT**

4801

**Plant 1 Ore Silos
Statement of Work
for
Southwest Silo Tile Repair**

**Operable Unit 3
Project Order 22
Removal Action 13
September 1993
Revision 0**

**Environmental Remedial Action Project
Fernald Environmental Management Project
Fernald, Ohio
FERMCO Subcontract No. 2-21487**



PARSONS

**Fairfield Executive Center
6120 South Gilmore Road
Fairfield, Ohio 45014**

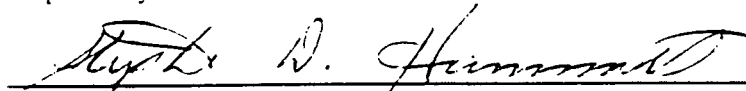
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Plant 1 Ore Silos
Statement of Work for
Southwest Silo Tile Repair

APPROVED FOR ISSUE

PARSONS

Prepared By:



9-8-93

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Date

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9/9/93

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9/9/93

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Plant 1 Ore Silos
Statement of Work for
Southwest Silo Tile Repair

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**Plant 1 Ore Silos
Statement of Work for
Southwest Silo Tile Repair**

I. Background

Several pieces of clay tile have fallen and others have become dislodged on the top portion of the southwestern clay tile silo. To prevent further spalling of the clay tiles from the upper 5 feet of this silo, grout shall be placed where the clay tiles have fallen. A wrap shall be placed around the upper 5 feet of the silo to prevent any loosened tile or pieces of tile from falling.

II. References

- A. Drawing 3679-1 - Feed Silos, U.S. Atomic Energy Commission, Fernald, Ohio, by W.B. Neill Company.
- B. Tile Silo Grout Specification, Section 04100, Revision 1.
- C. Tile Silo Wrap Specification, Section 04155, Revision 0.
- D. Health and Safety Plan for the Plant 1 Ore Silos, Removal Action 13, dated August 1992, Revision 1.

III. Scope

The intent of this work scope is to describe the work required for the following tasks:

- A. Install grout on approximately the top 3 feet of the southwestern tile silo where pieces of clay tile have fallen off.
- B. Remove by hand only completely loose or broken tiles and fill that associated cavity with grout.
- C. If appropriate, block out locations where lifting beams, which are to be used to lift the concrete caps, will be located.
- D. Install a wrap around the upper 5 feet of the southwest silo (F2-26).
- E. Wrap cutting and/or removal at the time the silo tiles are to be removed.

In addition, the construction subcontractor shall supply all necessary personnel including supervisors, materials, tools, temporary utilities, and equipment to accomplish the work. The construction subcontractor shall submit a detailed work plan describing the resource types and quantities required to perform the work. This work plan must be approved by FERMCO prior to starting work.

The work plan shall be in sufficient detail to describe methods used for lifting personnel, surface preparation, grout installation, wrap installation, wrap cutting and/or removal, and health and safety measures. The construction subcontractor shall coordinate work with the FERMCO Construction Manager. The work plan shall include a schedule broken down into weekly increments. The schedule shall be resource loaded with personnel positions, identify types and quantities of equipment, materials, and utilities required.

IV. Health and Safety

The construction subcontractor shall employ and implement safe and properly planned work practices. Predicated on the fact that personnel will be working from elevated work areas/platforms, visual and audio means of communication must be available at all times for personnel performing the tasks. Although the Health and Safety Plan is referenced in Section II, the construction subcontractor is specifically cautioned that monitoring, personal protective equipment, work site safety requirements, and contingency plans must be strictly adhered to.

V. Schedule

- A. FERMCO Issues Request for Quotation (Later)
- B. Construction Contractor Submits Proposal (5 Days from Item A)
- C. FERMCO Issues Notice to Proceed (Plus 7 Days from Item A)
- D. Construction Contractor Issues Detailed Work Plan and Submittals for Equipment and Material Required per the Specifications. This work plan must be approved by FERMCO prior to starting work. (Plus 15 Days from Item A)
- E. Construction Contractor Completes Grout and Wrap Installation 5 Days After Receipt of Approval for Item D above.

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VI. Submittals

- A. Work Plan.
- B. Grout Material.
- C. Wrap Material.